

ADS-B MASPS DO-242A AdHoc Working Group

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DO-242A ADS-B MASPS Work Plan

- Rev. A to support near term related MASPS and MOPS development timelines. Therefore:
 - Need to identify change areas/items needed
 - Prioritize and limit to achieve schedule
- Target completed draft to plenary in 6-9 months
- Work as AdHoc Working Group reporting to Plenary
- Work by frequent working meetings and interim coordination telecons
 - Most meetings to be held in Washington DC area
 - One or two meetings in Europe
- Assemble a Distribution List and potentially use a Web site for dissemination of AdHoc Group materials

ADS-B MASPS Revision A Objectives

- Develop changes to the ADS-B MASPS identified since original publish date (2/98)
- Support related near-term MASPS and MOPS development timelines
- Harmonize with European developments
- Address interoperability issues related to link alternatives
- Review allocation of functions and requirements between the ADS-B MASPS and ASA MASPS

Criteria for Selecting Change Items

- MASPS issues that need to be addressed to support near-term MASPS/MOPS development
 - DO-260/ED-102 1090 MHz Link MOPS Rev A (6/2002)
 - ASA MASPS (12/2001)
 - TIS-B MASPS (6/2001)
 - UAT Link MOPS (6/2001)
- Address applications change items only for applications that have well defined concepts of operation. At least one of:
 - Have complete application descriptions
 - Initial validation through early operational evaluation experience
 - Have supporting analysis for candidate stressing applications
- Address items needed for harmonization with international requirements
- Address items identified during recent ADS-B development activities and operational evaluations
- MASPS document clarifications and corrections
- Validation/modification of questioned MASPS requirements
- For a new requirement to be considered, it should be needed to support surveillance for traffic separation assurance
- Military use provisions

Tentative DO-242A Change Items

- WG 3 1090 MHz ADS-B MOPS Items
 - Chris Moody's comments 4-7 and 16
 - Jim Maynard's comments 22, 34, and 37
 - Bob Hilb's comments 2, 5, and 6
 - Gary Livack's comments 2-5, 11, 14, 15, 17, and 18
- WG 4 Items
 - Position and integrity (NIC/NAC vs NUC)
 - TCP concepts and issues
- Potential inputs from WG 1
- Potential inputs from Eurocontrol
- Potential inputs from SC-193/SC-194
- Potentially address non-surveillance application support
- Descriptive material in Chapters 1 & 2 and Appendix D & E to be revised and/or moved to ASSA MASPS

Issues Tracking

- Develop Issues List Document to capture change items considered and their resolution
- Content to include:
 - Item Number
 - Issue Topic (short title)
 - Issue Description
 - Issue Discussion
 - MASPS Reference Paragraph
 - Proposed Resolution
 - Issue Status (Open/date, Close/date, Deferred, etc.)
 - Issue Source (where item came from)
 - Action Assignment (with due date)

Next Steps

- Tentative Meeting Schedule:
 - DO-242A MASPS January 22-24 Mitre/CAASD
 - SC186 Plenary February 8 Phoenix, Az
 - DO-242A MASPS February 27-
March 2 RTCA ??
 - DO-242A MASPS April 3-5 Brussels (Eurocontrol ?)
- Identify action assignments:
 - (See Meeting Minutes)
- Adjourn